

Attorney Docket No. VIVC001/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Raghavan MENON et al.

Serial No.: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

Art Unit: Unassigned

Filed: Herewith

For: APPARATUS AND METHOD FOR A FAULT-TOLERANT SCALABLE SWITCH FABRIC WITH QUALITY-OF-SERVICE (QOS) SUPPORT



#2

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.
§§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- No copies of the publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. ___ to which the above-identified application claims priority under 35 U.S.C. §120.
- Publication(s) ___ listed on the attached Form PTO/SB/08 were cited in a foreign search or examination report corresponding to ___ application serial no. ___ and mailed on ___.
- Enclosed is a copy of a non-English publication(s) ___. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- Enclosed is a copy of a non-English publication(s) ___. English language publication ___ (copy enclosed) claims priority from this non-English publication.

- Enclosed is an explanation of non-English publication(s) ___ for which an English translation is not available.
- Enclosed is an English translation of non-English publication(s) ___ cited in the attached Form PTO/SB/08.
- Enclosed is a copy of pending patent Application Serial No. ___.

This Information Disclosure Statement is filed within any one of the following time periods:

- within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- before the mailing date of a first office action on the merits; or
- before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08 to the undersigned.

Dated: November 27, 2001

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Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | <i>Complete if Known</i> | |
| | | | | Application Number | Unassigned |
| Filing Date | Herewith | | | | |
| First Named Inventor | Raghavan MENON et al. | | | | |
| Group Art Unit | Unassigned | | | | |
| Examiner Name | Unassigned | | | | |
| Attorney Docket Number | VIVC001/00US | | | | |
| Sheet | 1 | of | 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|----------------------|--------------------------------------|---|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Number | Kind Code ² (if known) | | |
| | | 6,157,957 | | Berthaud | 12-05-2000 |
| | | 6,101,599 | | Wright, et al. | 08-08-2000 |
| | | 5,923,644 | | McKeown et al. | 07-13-1999 |
| | | 5,500,858 | | McKeown | 03-19-1996 |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|---|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | | WO 00/64109 | | Hughes et al. | 10-26-2000 | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | N. MCKEOWN, "The iSLIP Scheduling Algorithm for Input-Queued Switches", <i>IEEE Transactions on Networking</i> , Vol. 7, No. 2, April 1999, 22 pages. | |
| | | N. MCKEOWN, et al., "The Tiny Tera: A Packet Switch Core", <i>Hot Interconnects V, Stanford University, August 1996</i> . | |
| | | K. Y. K. CHANG et al., "A 50 Gb/s 32 x 32 CMOS Crossbar Chip using Asymmetric Serial Links", <i>1999 Symposium on VLSI Circuits, Digest of Technical Papers</i> , 4 pages. | |
| | | K. Y. K. CHANG et al., "A 2 Gb/s Asymmetric Serial Link for High-Bandwidth Packet Switches", <i>Hot Interconnects VI, pp. 171-179, Stanford University, August 1997</i> , 9 pages. | |
| | | N. UZUN et al., "Ten Terabit Multicast Packet Switch with SRRM Scheduling Algorithm", <i>New Jersey Institute of Technology</i> , pp. 1-10, 1999. | |
| | | N. MCKEOWN, "Scheduling Algorithms for Input-Queued Cell Switches", pp. 1-119, Ph.D. Thesis, University of California at Berkeley, May 1995. | |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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